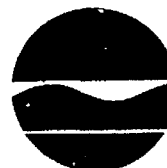


**INCIDENT
IDENTIFICATION
NUMBER**

I 009959

EFED Rec'd 3-27-2000

New York State Department of Environmental Conservation
Division of Fish, Wildlife and Marine Resources
Wildlife Pathology Unit
108 Game Farm Road, Delmar, NY 12054



John P. Cahill
Commissioner

I009959

- 001

MEMORANDUM

TO: ECO Todd Smith * Personal Privacy Information has been removed*
FROM: Ward B. Stone
SUBJECT: Wild Turkeys (WPU Case #00-04-19)
DATE: March 20, 2000

The following is a summary of history and findings for this case.

History: Two wild turkeys were found by [REDACTED] North Rose, New York [REDACTED]. One turkey fell from a roost and died, about eight died in this same location adjacent to an orchard in the Town of Rose, (Wayne County), New York. The turkeys arrived frozen at the Wildlife Pathology Unit on February 3, 2000.

Findings: Two adult, female wild turkeys. Both in good flesh with insects, whole corn, cracked corn, grapes, box elder seeds and grass in their crops. A garlic-like odor was present. The lungs were brownish in color and brain hemorrhages were present.1

Drager tubes indicate phosphine gas to be present(B) at approximately 20 ppm.

The crop and gizzard contents, brain, and liver were taken for toxicology.

Toxicology (See attached laboratory report from the (Illinois Department of Agriculture, Bureau of Animal Disease Laboratory, Centralia, Illinois): Both turkeys were positive for Zinc Phosphide.

Diagnosis: Zinc phosphide poisoning.

Comments: Zinc phosphide is a commonly used rodenticide in orchards, and the adjacent orchard might be the source of the toxicant. It is often used in a corn or grain bait that is dyed green to make it less conspicuous to birds. The corn in this case did not appear to be stained.


Wildlife Pathologist

Attachment(s)

WBS:rd

cc: D. O'Dell
Pesticide Inspectors (Region 8)
J. Felkel (USEPA)
K. Converse
M. Kelly
L. Skinner
Forensic Cases Binder



Illinois
Department of
Agriculture

NEEDS
FILE

Bureau of Animal Disease Laboratory

ANIMAL DISEASE LABORATORY
9732 SHATTUC ROAD
CENTRALIA, ILLINOIS 62801

TOXICOLOGY DEPARTMENT REPORT

VETERINARIAN

OWNER

NEW YORK WILDLIFE
108 GAME FARM RD
DELMAR NY 12054

NEW YORK WILDLIFE 00-04-19A

ACCESSION
NUMBER: 2000009306

DATE
REPORTED: 03/07/2000

DATE
RECEIVED: 02/14/2000

SPECIMEN
RECEIVED: WILD TURKEY CROP CONTENTS 00-04-19A
TEST
REQUESTED: ZINC PHOSPHIDE
RESULTS:

SPECIES: AV-OTHER

ZINC PHOSPHIDE - POSITIVE

CHEMIST

APPROVED

LABORATORY
SUPERVISOR J. D. REYNOLDS

PLEASE NOTIFY OWNER OF THESE RESULTS WITHOUT DELAY

2



NECESSARY
FILE

Bureau of Animal Disease Laboratory

ANIMAL DISEASE LABORATORY
9732 SHATTUC ROAD
CENTRALIA, ILLINOIS 62801

TOXICOLOGY DEPARTMENT REPORT

VETERINARIAN

OWNER

NEW YORK WILDLIFE
108 GAME FARM RD
DELMAR NY 12054

NEW YORK WILDLIFE 00-04-19B

ACCESSION
NUMBER: 2000009307

DATE
REPORTED: 03/07/2000

DATE
RECEIVED: 02/14/2000

SPECIMEN
RECEIVED: WILD TURKEY CROP CONTENTS 00-04-19B
TEST
REQUESTED: ZINC PHOSPHIDE
RESULTS:

SPECIES: AV-OTHER

ZINC PHOSPHIDE - POSITIVE

CHEMIST

APPROVED

LABORATORY
SUPERVISOR J. D. REYNOLDS

PLEASE NOTIFY OWNER OF THESE RESULTS WITHOUT DELAY

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